

19970703.qrp qrp-por0.775
>From owner-qrp-l@Lehigh.EDU Wed Jul 2 18:04 CDT 1997
>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])
> by uro.theporch.com (8.8.6/A-UX-3.1.1) with ESMTP id SAA21096
> for <shimshon@uro.theporch.com>; Wed, 2 Jul 1997 18:04:31 -0500 (CDT)
>Received: from fidoii.CC.lehigh.EDU (fidoii.CC.lehigh.EDU [128.180.1.4])
> by sco.theporch.com (8.8.6/SCO-5.0.2) with ESMTP id XAA15237
> for <shimshon@theporch.com>; Wed, 2 Jul 1997 23:04:13 GMT
>Received: from Lehigh.EDU ([127.0.0.1]) by fidoii.cc.Lehigh.EDU with SMTP id
<34992-12364>; Wed, 2 Jul 1997 19:03:23 -0400
>Date: Wed, 2 Jul 1997 19:03:09 EDT
>Sender: owner-qrp-l@Lehigh.EDU
>Precedence: bulk
>From: qrp-l@Lehigh.EDU
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: QRP-L digest 775
>Mime-Version: 1.0
>Content-Type: text/plain; charset=us-ascii
>X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN
>Message-Id: <97Jul2.190323edt.34992-12364+114@fidoii.cc.Lehigh.EDU>
>Status: 0

QRP-L Digest 775

Topics covered in this issue include:

- 1) [22291] Update my Website.
by "Hidehiko Komachi" <ja9mat@nsknnet.or.jp>
- 2) [22292] Where's the antenna tuner?
by Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
- 3) [22293] Re: QRP-L digest 773
by "Bob O'Connell" <reo@azstarnet.com>
- 4) [22294] Fort Tuthill Hamfest
by Roger Hightower <n7kt@dancris.com>
- 5) [22295] New Products (correction)
by "Marshall Emm" <mgemm@mtechnologies.com>
- 6) [22296] Audio xfmr needed
by Ed Tanton <n4xy@bellsouth.net>
- 7) [22297] Sequence Electronics address for someone who asked
by David.Reid@asml.nl (David Reid)
- 8) [22298] Icom HT mod question
by "VU3CRJ (Jay)" <jkumar@bilbo.wipsys.soft.net>
- 9) [22299] Please Note - IOTA
by Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
- 10) [22300] Re[2]: Not responding to QRP stations
by ptaber@microtest.com
- 11) [22301] QRP Quarterly looking for technical editor
by Mike Czuhajewski <wa8mcq@u1.abs.net>

- 12) [22302] tn timer
by Paolo Sassoli <sassoli@i11wh10.settimo.italtel.it>
- 13) [22303] Field Day Report : 1B QRPp 1 watt
by Dana Michael <damiichael@amp.com>
- 14) [22304] Explorer II (40M) Help
by kb0rol@juno.com (Bradley L Mugleston)
- 15) [22305] THEORY OF SCAF
by kreinbd@ccgate.dl.nec.com (David Kreinberg)
- 16) [22306] Here I am, Hit me - antenna
by Rick Powell - WB6JBM <ripowell@mpna.com>
- 17) [22307] Field Day--RULES
by "James C. Owen, III" <owen@piper.eeel.nist.gov>
- 18) [22308] QRP Waistline-Seattle
by jayboy@empnet.com (Jay & Jackie)
- 19) [22309] Antenna Design
by "j. b. fox" <w5hir@mail.phoenix.net>
- 20) [22310] Ft. Tuthill Hamfest
by Bob Hightower <ki7mn@dancris.com>
- 21) [22311] QRP+ for sale
by rhilto - Robert Hilton <rhilto@acxiom.com>
- 22) [22312] operating events
by mark.milburn@arbbs.com (Mark)
- 23) [22313] Waters Dummy Load.
by "ukii" <ukii@megsinet.net>
- 24) [22314] QRP Commandos' FD Score
by k7sz@juno.com (Richard H. Arland)
- 25) [22315] Re: Explorer II (40M) Help
by Richard Mulvey <mulveyr@frontiernet.net>
- 26) [22316] July CQrp Meeting
by SABorns@aol.com
- 27) [22317] SSTs
by n4js@amsat.org
- 28) [22318] Re: Comb Generator versus Marker Generator
by laura halliday <ve7ldh@direct.ca>
- 29) [22319] Re: Not responding to QRP stations
by AE0Q V31RY <v31ry@ix.netcom.com>
- 30) [22320] Special Event Stn/QRP & QRO/
by wa5whn@juno.com
- 31) [22321] SST 2 diodes mod.
by bcutter@teal.csn.net (Bob Cutter)
- 32) [22322] Re: Not responding to QRP stations
by "James C. Owen, III" <owen@piper.eeel.nist.gov>
- 33) [22323] Comb generator hint
by "Mike Czuhajewski" <mczuhajewski@evi-inc.com>
- 34) [22324] SPRAT Number One
by Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
- 35) [22325] Re: SSTs
by "David D. Meacham" <ddm@datatamers.com>

- 36) [22326] Re: Not responding to QRP stations
by Bob Patten <n4bp@shadow.net>
- 37) [22327] Re: SSTs
by wmcshan@REX.RE.ouhsc.edu (Mike McShan)
- 38) [22328] 2X SST 40M QSO
by jfitton@lucent.com
- 39) [22329] FD Report from AZ, N7VE
by Dan Tayloe-P26412 <Dan_Tayloe-P26412@email.mot.com>
- 40) [22330] Re: Not responding to QRP stations
by AE0Q V31RY <v31ry@ix.netcom.com>
- 41) [22331] MI QRP July 4th CW Sprint
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 42) [22332] NORTEX Meeting
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 43) [22333] Re: MI QRP July 4th CW Sprint
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 44) [22334] Field Day 97 Mystery.
by wb8ygg@juno.com (Bradley S. Mitchell)
- 45) [22335] Re: MI QRP July 4th CW Sprint
by Monte Stark <ku7y@sage.dri.edu>
- 46) [22336] Re: Not responding to QRP stations
by Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
- 47) [22337] MI-QRP
by N4JS <n4js@amsat.org>
- 48) [22338] FT-707 HF (digital) xcvr 4 sale
by Jim W7LS <w7ls@brigadoon.com>
- 49) [22339] Re: Field Day 97 Mystery
by Joe Gervais <vole@primenet.com>
- 50) [22340] Stuff for sale (again)
by Kory Hamzeh <kory@avatar.com>

Date: Wed, 2 Jul 1997 08:39:21 +0900
From: "Hidehiko Komachi" <ja9mat@nsknet.or.jp>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>,
<klqrp@acpub.duke.edu>, "GQRP-L" <qrp-l@blacksheep.org>
Subject: [22291] Update my Website.
Message-ID: <199707012338.IAA00642@po.nsknet.or.jp>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-2022-JP
Content-Transfer-Encoding: 7bit

Hi fellows,
I've added "TiCK2 Keyer with memory" and other info
on my website today. Plaese enjoy! 72!

From: Hidehiko Komachi, JA9MAT, as a member of

"JA-QRP#036", "G-QRP#9128", "Alaska-QRP#025", "QRP/L #761"
***** WebSite: <http://www.nsknet.or.jp/~ja9mat> *****

Date: Tue, 01 Jul 97 17:15:00 PDT
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
To: qrp-1@Lehigh.EDU
Subject: [22292] Where's the antenna tuner?

You've got a transmitter, a 50 ohm SWR meter, and a 1:1
choke/balun feeding an antenna and obtain the following
readings:

| | | | | | |
|------------|-----|-----|------|-----|-----|
| freq-MHz | 7.0 | 7.1 | 7.15 | 7.2 | 7.3 |
| 50 ohm SWR | 3.2 | 1.6 | 1.2 | 1.6 | 3.2 |

Guess what centerfed wire antenna is connected? A halfwave
dipole? Nope. Would you believe there is a fullwave (125ft)
dipole attached. Here's the configuration:

xmtr---SWR meter---1:1 choke---94' 450LL---125'CF

The 94 ft of 450 ohm ladder-line is 3/4 wavelength and
transforms the very high impedance of the fullwave dipole
to 41 ohms at a current maximum and that's where we feed
it. If we want to vary the ladder-line length within the
40m band, we can get an SWR of 1.2 all across the band
*** without an antenna tuner ***.

This is an 80m halfwave dipole and it will work on any and
all HF bands just like it does on 40m (with the possible
exception of 10m).

So what's the SWR on the ladder-line and what's the antenna
feedpoint impedance?

73, Cecil, W6RCA, OOTC

Date: Tue, 1 Jul 1997 18:21:19 -0700 (MST)
From: "Bob O'Connell" <reo@azstarnet.com>
To: Chuck Adams <adams@chuck.dallas.sgi.com>
Cc: qrp-1@Lehigh.EDU

Subject: [22293] Re: QRP-L digest 773
Message-ID: <Pine.GS0.3.95.970701181536.19773B-1000000@web.azstarnet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Chuck and other who replied,

Thank you for permission to resend and/or quote postings. I remember when the list first started. It was small enough that I would get and nearly read every message but no more.

72's and later,

Bob

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-----  
/ Bob O'Connell / If hook, slice, and dribble /  
/email reo@azstarnet.com / are considered, yes I play golf./  
/-----/  
/Amateur Radio KC5DWB / LINUX /  
/Twisted pair (520) 292-0551 /The choice of the GNU generation /  
-----
```

Date: Tue, 01 Jul 1997 20:32:28 -0700
From: Roger Hightower <n7kt@dancris.com>
To: qrp-l@Lehigh.EDU
Subject: [22294] Fort Tuthill Hamfest
Message-ID: <33B9CBCC.1F62@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

OK, gang, here's what I have for the 1997 Fort Tuthill, AZ Hamfest:

Fri-Sun, July 25, 26, 27. We have a room reserved for QRP presentations, which will be given Friday afternoon and all day Saturday. Depending on how things run, we may have to use a little of Sunday morning, too.

A very good group of people have come forth as speakers. There is no formal agenda, nor is there any package of handouts at this time. I can do some reproduction of materials if I get them in time.

Not in any particular order, we'll have Doug Hendricks KI6DS and Jim Cates WA6GER of NorCal; Chuck Adams K5FO, the authority on QRP-L, Fox Hunts and all manner of QRP-related info; Cecil Moore W6RCA on antennas for QRP use. You've all seen his postings, and this info will be very

useful. Also, Paul Harden NA5N will speak on rig design, components, testing and alignment. He's offered to bring some equipment along to help align rigs. Jim Duffey KK6MC/5 will talk on the performance of simple QRP receivers, and may supplement Cecil's presentation on antennas. Then we have Gary Hembree N7IR to give tips on QRP contesting and DX'ing. Just check out any contest report in CQ or QST and you'll see Gary right up there in the high scores.

I'm still waiting for final info on the campground, but the Hamfest sponsors have assured me there is no problem.

The Saturday evening events will be a show and tell, with operating positions and antennas in the camp area for anyone to use, and the cookout. As there is no sponsor for this QRP happening, nor any funds, this will be a "you bring it, you cook it" deal. We will have grills available in the event the Forest Service has imposed fire restrictions. For those who are flying in, I can make arrangements for steaks, chicken or whatever. Just let me know in advance what you want and I'll have it for you. Cowboy beans, fresh tortillas and condiments will be provided for all.

If those folk listed above as presenters will e-mail me direct with your approximate arrival times, I can put a schedule together. I expect that Friday afternoon's sessions will start about 1 p.m., and Saturday will be an all-day schedule, starting about 9 a.m. and running until late afternoon. I will post a schedule to the List by Monday, July 7.

Almost forgot. QRP Clubs or anyone with information such as flyers, catalogs, etc. can contact Bob, KI7MN at:

ki7mn@dancris.com or check out his web page at

<http://www.dancris.com/~ki7mn>.

He will have some tables available, courtesy of the AZ ScQRPions club.

I'm looking forward to meeting a lot of you there. This is a first-time thing, pretty loose and unsponsored, but I hope it will continue in future years.

72....Roger, N7KT

--

72/73 de Roger N7KT n7kt@dancris.com Mesa, AZ Grid DM43cj
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383
AK-QRP 167

Did it again, guys-- the web site is
http://www.mtechnologies.com/mthome
and if I forget to put /mthome on the end of it it
just takes you to Supernet.

<http://www.mtechnologies.com/mthome>

Hi folks... I need a 5000 ohm CT to 600 ohm (preferably-but not necessarily-with taps to 4 ohms) at 10W min power rating for my GPR90 SSB adapter audio output. Preferably-but not necessarily-potted/hermetically sealed.) Reasonable price and shipping gladly paid. Any help will be very appreciated. Thanks!

Ed Tanton N4XY EMAIL: n4xy@bellsouth.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933 V/MBX/FAX

| | | | | |
|----------------|--------------|-------------|------------|-------|
| QRP-ARCI #7663 | G-QRP #6779 | OK-QRP #172 | QRP-L #758 | |
| AdvRC #140 | NORCAL #1779 | | NCDXF | SEDXC |

Life Member: ARRL AMSAT INDEXA QCWA

INTERESTS: DX QRP BoatAnchors Test Equipment Photography
CW: 99.9% QRP: 95-100% (Mood swings!) Mercury Paddle #0214

~~~~~  
"Think you can, think you can't: either way you're right!"       Henry Ford  
~~~~~

Date: Wed, 2 Jul 1997 08:02:52 +0200
From: David.Reid@asml.nl (David Reid)
To: qrp-l@lehigh.edu
Cc: Rick.muller@asml.nl
Subject: [22297] Sequence Electronics address for someone who asked
Message-ID: <199707020602.IAA21799@wspub002.asml.nl>

Hi all,
Sorry for the bandwidth,

Someone asked me for the address for Sequence Electronics in England...
(but my mailer crashed - and I lost the message....)

So here is the address:

Sequence Electronics (G8SEQ)
124 Belgrave Road
Wyken
Coventry
CV2 5BH
England

Tel/Fax: +44 1203 617367

for free catalog - just ask.

Kits for radio amateurs for 6M/2M transcievers and Transvertors.

73 de Dave
PA3HBB / G0BZF
-=====

Date: Wed, 02 Jul 1997 15:57:33 +0530

From: "VU3CRJ (Jay)" <jkumar@bilbo.wipsys.soft.net>
To: qrp-1@Lehigh.EDU
Subject: [22298] Icom HT mod question
Message-ID: <33BA2D15.D6B23AB1@bilbo.wipsys.soft.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am looking for info on modifying Icom dual band HT IC-T7A to transmit on 434-438 MHz. Any info will be greatly appreciated.

Excuse using the list for this topic, but I know the answer is out there :-)

tnx es 73 de jay vu3crj.

Jayakumar, C R VU3CRJ (KB3BGV)
<http://www.geocities.com/CapeCanaveral/8494>

Date: Wed, 2 Jul 1997 06:51:09 +0100
From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [22299] Please Note - IOTA
Message-ID: <P\$xA8QANxeuzEwHU@gqrpclub.demon.co.uk>
MIME-Version: 1.0

>Dear Frank,
>I'm an italian Ham and I'm interested about QRP.
>I will have a MFJ9420 (20 meters SSB "Travel Radio"), a simple dipole,
>but a don't know calling frequencies for ssb qrp...
>>From 2 to 16 August I will be in Stromboli Island /ID9 with MFJ9420.
>Can you help me?
>It's the first time I working QRP on HF: any suggestion?
>Sorry for my bad english, dear friend!
>Vy 73 de IZ4BKK Andrea - I QRP Club #214
>
Please keep a note of this especially if interested in IOTA.
73 Frank, G3YCC.
G QRP Club 042
QRP Web site: <http://www.gqrpclub.demon.co.uk>

Date: Wed, 02 Jul 97 07:43:26 -0700
From: ptaber@microtest.com
To: <qrp-1@Lehigh.EDU>
Subject: [22300] Re[2]: Not responding to QRP stations
Message-ID: <9707028678.AA867843739@mtsmtpgate.microtest.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

>>or
>>
>>(2) They cannot hear you.
>
>This is why I don't answer stations that are calling me.

If you can't hear them, how do you know they are calling you? ;-)

Sometimes it helps to put /QRP after a call -- if a station is weak and there are better signals around, I figure he might "ripen" as propagation changes. I'll sometimes ignore him and work the easier signals. If he's signing QRP (or portable) then I just gird up my loins and figure "that's all the gooder he's gonna get" and dig him out.

>>>==>PStJTT

Date: Wed, 2 Jul 1997 08:02:41 -0400 (EDT)
From: Mike Czuhajewski <wa8mcq@u1.abs.net>
To: qrp forum <qrp-1@Lehigh.EDU>
Cc: byron Johnson <byron81cz@aol.com>, Dave Johnson <djohnson@acpub.duke.edu>, Danny Gingell <k3tks@abs.net>, Hank Kohl <k8dd@contesting.com>, kt3a@juno.com, Buck Switzer <n8cqa@tir.com>, rgob@tco.infonet.com, rgobrick@worldnet.att.net, Ken Evans <w4du@bellsouth.net>
Subject: [22301] QRP Quarterly looking for technical editor
Message-ID: <Pine.BSI.3.93.970702080103.4352A-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The technical editor of the QRP Quarterly, journal of the QRP ARCI, has asked us to find a replacement for him. Ray Anderson, WB6TPU, has served well for two years, but due to increasing demands on his

time has decided that it's time to turn it over to someone else.

I held the position myself briefly several years ago. I recruited my replacement, NN1G, and then I recruited Ray to take over when Dave decided it was time to move on. Since I seem to have a fetish about the position of tech editor, I volunteered my services to the editor, KU7Y, to find a new one and he agreed to let me do it.

Anyone who is interested in the position should send me e-mail volunteering and giving me some of your qualifications, capabilities, etc, then I'll select the most qualified ones and pass them on. The final decision will be made by editor KU7Y, although he'll probably let the Board of Directors make comments if they find something objectionable about the choice.

Please note that you do not have to currently be a member of the QRP ARCI to accept the position. However, joining the club will be a condition of employment :-). After all, that's what happened with KU7Y as editor, WB6TPU as tech editor, and W03B as milliwatting columnist. I recruited all of them for their positions, and AFTER they had been approved by competent authority, in each case it turned out none were members when they volunteered! This time, I'll have the Sec/Treas check the membership records and see if the most qualified applicants are members, and if not, they will be asked to sign up before being given the job :-).

There's no pay involved, of course, and a certain amount of time will be required to do it. You will get valid expenses reimbursed, though. You'll have to meet deadlines set by KU7Y, the editor, who's a harsh taskmaster :-). I may be the President of the QRP ARCI, but you'll have to answer to a higher power! Having an e-mail account is a virtual necessity, and having full Internet access with FTP is a definite asset. You should also be computer literate (and anyone reading this on qrp-l is already computer literate to some degree!), and should have access to word processing software at a minimum. Your inputs from authors will include handwritten items, typewritten items to be retyped, ASCII text files, sometimes even full blown word processor files that only need to be reformatted slightly. The same range also applies to drawings and schematics. They'll come all ways--by snail mail, by floppy disk, by e-mail and via ftp. If interested in the job, we can discuss details later.

You'll get the fame and glory of having your name listed in each issue of the QRP Quarterly as technical editor, be privy to some of the inner goings on in the club, and even get to toot your horn a bit--you can write up little introductory paragraphs to the articles you handle if you wish, like I've done many times in the past, as a subtle reminder to the readers that you're out there, doing the hard work!

If interested, let me know by private e-mail and I'll take it from there.

73 and Queue Our Pea DE WA8MCQ wa8mcq@abs.net

Date: Wed, 2 Jul 97 14:12:26 METDST
From: Paolo Sassoli <sassoli@ii1wh10.settimo.italtel.it>
To: qrp-1@Lehigh.EDU
Subject: [22302] tn timer
Message-ID: <9707021219.AA05341@ic8u32.settimo.italtel.it>

I want to thank all the friends who sent me suggestions on using the NE602 in my 20 m RX project.

I always get an answer when ask to qrp-1.

Thank you all.

Ciao.

IK2LNH Paolo Sassoli

Date: Wed, 02 Jul 1997 08:49:44 -0400
From: Dana Michael <damichael@amp.com>
To: qrp-1@lehigh.edu
Subject: [22303] Field Day Report : 1B QRPP 1 watt
Message-ID: <199707021253.IAA70194@nss2.CC.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Field Day Report from W3TS:

Class: 1B, Battery, QRPP 1 watt, CW only
Op: W3TS single operator
Location: Field near Church Lane, Halifax, Pa.
Rig: Homebrew Superhet CW Xcvr 160-10 Meters
Ant: 300 foot long wire, 10 foot high at feed point , went west 100 feet

and up 50 feet over a tree and went more west for 200 feet to a smaller tree 15 foot high. No termination resistor.

Power source: 2 car batteries and small homebrew solar panel 18V at 300 Ma.

Op time: About 17 hours, took a long nap from 12 Midnight to 4:30 AM, plus some breaks

80M 134 QSOs

40M 136 QSOs

20m 113 QSOs

15M 24 QSOs

For a score of 4,070

Comments: I had to work hard for every QSO. I tried to hold a frequency near 3560 and 7040, but both times frequency robbers took them.

So that is the W3TS effort for this year. 73 de Mike W3TS

Date: Tue, 01 Jul 1997 23:27:49 EDT
From: kb0rol@juno.com (Bradley L Mugleston)
To: qrp-l@Lehigh.EDU
Subject: [22304] Explorer II (40M) Help
Message-ID: <19970701.201321.4743.0.kb0rol@juno.com>

Gang,

I was out playing radio Monday with my OHR Explorer II. Was using a long wire and thought I had it tuned up (about 1.3 : 1) Everything was fine then I found a signal to grab and sent my call. NADA - I got a side tone but nothing on the SWR meter - nothing going out. I believe I blew my final, problem is I don't know what that is - I built the rig about a year or so ago and I am learning but don't know enough. Where do I find the final (is it Q4 a 2N3904)?

I'm getting ready to go to boy scout camp as a leader on Thursday and would like to take it with me so I'm kind of in a hurry.

Thanks,

de KB0ROL, Brad

Date: Wed, 2 Jul 1997 08:20:52 -0500
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
To: qrp-l@Lehigh.EDU
Subject: [22305] THEORY OF SCAF
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

Gang:

Well my plan of getting a long awaited R/S DSP filter
fell through recently, so I decided to get a SCAF from
Oak Hills research.

For those who don't know, this is a great kit to put
together. Clear instructions, well marked parts, super
PCB, etc. An easy 1 or 2 evening kit. And, the best
part, it WORKS GREAT! Really helps cut down nearby QRM,
noise, etc.

Does anybody know the theory of operation behind the SCAF?
I'd just like to know a little more about the how's and
why's of this little jewel.

TIA. Usual disclaimer, but this would be a good addition to
just about anybody's shack. And, Dick has a nice product sale
going on right now!

73 de Dave NR3E/5
nr Dallas, TX
qrp-l #25, ARRL
WIMPS: Qs=045 30m=032 17m=08 12m=05 States=024/05/04
DX=02/00/01

Date: Wed, 02 Jul 1997 09:39:48 -0400
From: Rick Powell - WB6JBM <ripowell@mpna.com>
To: qrp-l@Lehigh.EDU
Subject: [22306] Here I am, Hit me - antenna
Message-ID: <1.5.4.32.19970702133948.002c5aec@smtp.mpna.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Project: Create a 30M dipole using two "Here I am, Hit me" poles.
you know, the 5 foot flag sticks you put on a kid's bike.

History: Long ago and far away (1976) I made one of these for 40M
for my car. Worked fine, pushed the awesome power of an
Argonaut 505 into it on SSB. Actually made some contacts
with it! Even published an article in our club paper on
how to build one (WA6BGS/Amateur Radio Club of El Cajon).

Present: I have purchased the TWO poles (for a dipole) and wound
35 feet of wire on each one. Next step - tuning!!! Sounds
like such a simple procedure... Oh I wish I had a Z meter!

Future: I will keep this list updated as to the progress.

73

/rick

WB6JBM

Argonaut 505 - MFJ 9020 - 38 Special

<http://www.mpna.com/ripowell> ripowell@mpna.com

WB6JBM/8/QRP Richard Powell

QRP-L - #1118 Cincinnati, OH

Date: Wed, 2 Jul 1997 09:35:29 -0500 (EST)
From: "James C. Owen, III" <owen@piper.eeel.nist.gov>
To: qrp-l@lehigh.edu
Subject: [22307] Field Day--RULES
Message-ID: <34530.owen@piper.eeel.nist.gov>

While reading the reports of Field Day and seeing how much fun everyone had
I observed one apparent mistake some made. These include folks from qrp-l,
boatanchors and a few other lists. They didn't READ THE RULES. I have seen
reports of 2B with more than 5 amateurs, 1A with 1 person, etc. Check your
class designation.

Class A= Club or non-club of 3 or more licensed operators.

Class A/battery= above but an output of 5W or less and power by battery or
solar.

Class B= One or Two person non-club

Class B/battery= see A/battery

Class C= Mobile Class D= Home station using commercial power

Class E= Home station using emergency power.

The rules are easily down-loaded from the ARRL info server.

Our report, from memory, for K3AA was 925 contacts operating 3E. About 500 were CW. Rigs Icom 701, Kenwood TS-450 and TS-850. Antennas were 80M inverted-V; 40 M inverted-V, sloper, 3 Ele KLM Beam @ 60'; 10-15-20 M Hygain TH6DXX @ 60'. Now of course on Thursday we had a severe storm that DESTROYED the rotors (broken ring gears?) so we had to ARMSTRONG the beams. Did you ever try to armstrong rotate a 3 Ele 40m beam? The beams were pointed W for the whole contest which meant we missed all of New England and the East coast on 10-15-20, bummer. Glad all had fun--after all that's what it's all about--well that and proving that you can operate in an emergency. 72/73 Jim K4CGY qrp-l #72 Trustee of K3AA.

Date: Wed, 2 Jul 1997 07:03:29 -0700 (PDT)
From: jayboy@empnet.com (Jay & Jackie)
To: QRP-L@Lehigh.EDU
Subject: [22308] QRP Waistline-Seattle
Message-ID: <199707021403.HAA16110@empnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all:

Tried to make this subject fit our group...XYL and I are flying to Seattle for a few days of sightseeing and of course eats. Any suggestings for a great fish dinner along the water from the Seattle-ites?....Sorry, no room for the Sierra on this trip.

73, Jay, W6JDB

Date: Tue, 01 Jul 1997 09:27:43 -0500
From: "j. b. fox" <w5hir@mail.phoenix.net>
To: qrp-l@lehigh.edu
Subject: [22309] Antenna Design
Message-ID: <3.0.1.32.19970701092743.00695b48@mail.phoenix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Many thanks to all that have answered my query on the wonders of antenna design formulae. I now have a thorough insight into the problems that I have been having in reconciling the differences in published design information.

For years, I have made a mistake in ASS-U-MING that the velocity factor had already been considered. Now I know.

Thanks to all who have brought this to my attention..

foxy w5hir@mail.phoenix.net

Date: Wed, 2 Jul 1997 07:31:27 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: qrp-1@Lehigh.EDU, azqrp@dancris.com
Subject: [22310] Ft. Tuthill Hamfest
Message-ID: <199707021431.HAA12104@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

There have been updates to the QRP information at the Fort Tuthill Hamfest July 25-27. Check the page at <<http://www.dancris.com/~ki7mn>> if you plan to go, or are even thinking about it. It's going to be a great QRP weekend, as well as a great Hamfest.

73,

Bob KI7MN (ki7mn@dancris.com) Chandler, AZ
Grid DM43bi Lat 33.334500 Long -111.87260
NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL
<http://www.dancris.com/~ki7mn>
WIMPS: QSO's=18 30=18 17=0 12=0 States=15/0/0 DX 0/0/0 QSL's=5

Date: Wed, 2 Jul 1997 09:52:06 -0500
From: rhilto - Robert Hilton <rhilto@acxiom.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@lehigh.edu>
Subject: [22311] QRP+ for sale
Message-ID: <c=US%a=_%p=Acxiom_Corporati%l=PO-CONWAY-1-970702145206Z-9347@po-conway-1.conway.acxiom.com>
MIME-Version: 1.0

```
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
```

I have too many toys, so it's time to make room for more...

Index Labs QRP+, serial number 1044, unmodified, used infrequently, excellent condition (actually, nearly perfect except the top of the case was scratched by a tuner so it has been repainted), \$460 delivered to US addresses.

Bob Hilton
n5xi
rhilto@acxiom.com

Don't be surprised if you see a halo around my head. It should be expected. After all, light bends around incredibly dense objects.

Date: Wed, 02 Jul 1997 15:42:00 -0320
From: mark.milburn@arbbs.com (Mark)
To: qrp-l@lehigh.edu
Subject: [22312] operating events
Message-ID: <f007.5013.-1@arbbs.com>

I haven't seen rules published for the ARCI Sprint on July 13th or the AGCW Contest on July 19th. If someone has these, would they put them on the list?

Thanks

72/73 Mark

KQOI @ WOAK.#CIA.IA.USA.NOAM E-mail: mark.milburn@arbbs.com
ARRL-DMRAA-QRP-L #625-NORCAL #1829-ARS #139-NW QRP #418-QRP ARCI #9226
WIMPS: QSOS=18,(30M=18,17M=00,12M=00), STATES=13, PROVINCES=00, DX=01

```
... nfx v2.6 [C0000] Remember, the bigger they are...the harder they hit.
```

```

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
^ ^ *** The views of this user, do not reflect the opinions of the   ^ ^
^ ^ *** operators of Altered Reality BBS                               ^ ^
^ ^                                                                    ^ ^
^ ^ *** ARBBS (319) 373-5355 8 lines @ 28.8k! With Access Lines in    ^ ^
^ ^ *** the entire 515 & 319 Area Codes!!                             ^ ^

```


502 QSOs, about 2/3s were CW and the rest SSB/FM and one packet.

There were 10 people who showed up to help but only 6 who actually operated, so this speaks quite well of our core of operators.

Unlike past years, 80 meters seemed to be our "money maker" on both CW and SSB, followed by 20 meters. 40 meters just didn't play well this year. Heard some E-skip on 6 this year but our location and antenna was not anywhere near optimal, but watch out next year....we WILL be on 6 with a vengeance.

Wilderness Sierra on CW and a Yaesu FT-301S on SSB. (T-T Argo 509 on standby. .Thank God we didn't need it!) IC-502 for 6 meters and an IC-202 for 2 meters (linear mode) and two IC-228s for FM (voice and packet).

Antennas: Radio Works Carolina Windom 80 for CW, Radio Works SuperLoop for the SSB station, 3 element MFJ 6 mtr beam, and two Arrow 2 meter beams, plus PAR omnis for 6, 2 mtrs and 70 cms (we had the IC-402 but didn't fire it up).

Thanks to Joe, WA3WMI and Lou, KA3ICD, the "Battery Barons" of Larksville, we had enough 12 volt deep cycle batteries for the contest plus enough spare power to start arc welding!

Trailer Park Patti (my better half) provided the evening meal on Saturday and my 3 year old grand daughter, Kielan, provided the comic relief (normally I do this, but this year I decided to let Kielan have center stage).

A great time was had by all....plans for next FD include a possible trip down to North Carolina as "hired guns" for the KnightLites and a spring time IOTA DXpedition to Ocracoke (sp) island in March or April (again, with the KnightLites).

73 rich K7SZ

Date: Wed, 2 Jul 1997 11:01:14 -0400 (EDT)
From: Richard Mulvey <mulveyr@frontiernet.net>
To: kb0rol@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [22315] Re: Explorer II (40M) Help
Message-ID: <199707021501.LAA39784@node5.frontiernet.net>
Content-Type: text

>

> Gang,
>
> I was out playing radio Monday with my OHR Explorer II. Was using a
> long wire and thought I had it tuned up (about 1.3 : 1) Everything was
> fine then I found a signal to grab and sent my call. NADA - I got a
> side tone but nothing on the SWR meter - nothing going out. I believe I
> blew my final, problem is I don't know what that is - I built the rig
> about a year or so ago and I am learning but don't know enough. Where
> do I find the final (is it Q4 a 2N3904)?
>
> I'm getting ready to go to boy scout camp as a leader on Thursday and
> would like to take it with me so I'm kind of in a hurry.
>
>

While I don't have an Explorer, all you need to do to locate the final is to start at the antenna jack, and work backwards until you come to the first power transistor. It will in all likelihood have a large heat sink on it. :-) It will be *very* close to the jack, with just a few intervening components for the filter, and should be just about impossible to miss.

- Rich

Date: Wed, 2 Jul 1997 12:23:47 -0400 (EDT)
From: SABorns@aol.com
To: qrp-l@lehigh.edu
Subject: [22316] July CQrp Meeting
Message-ID: <970702122346_-559728012@emout04.mail.aol.com>

G'day All,

Because of the July 4th holiday the July CQrp meeting will be held on July 12th.

Have a happy fourth!

73, Steve K8IDN

Date: Wed, 02 Jul 1997 12:14:14 -0400 (EDT)

From: n4js@amsat.org
To: qrp-l@Lehigh.EDU
Subject: [22317] SSTs
Message-ID: <XFMail.970702121804.n4js@amsat.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

Well, finished the 20M SST. Works great, very sensitive, but same as the 30M SST, must run audio up full on all "normal" sigs. There was 1 guy on 20 loud enough to have to drop it back a little. (He was strong enough to make LED flash). Sensitivity is as good as QRP+, it does copy weak sigs, just have to run up the audio.

Added picture of both SSTs in enclosures to my qrp page.
<http://www.qsl.net/n4js/sst.html> for those that want to skip right to the SSTs.

Sent at 12:18:04 on 02-Jul-97

John L. Sielke n4js@amsat.org n4js@pobox.com
n4js@n4js.ampr.org NJ Grid:FM29LN
<http://www.qsl.net/n4js> NJ-QRP #57 QRP-L #884
QRP-ARCI #9328 CQC #443 CQrp #50
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243
WIMPS Qs=026 30m=23 17m=3 12m=0 States=09/02/00 Countries=13/02/00

Date: Wed, 02 Jul 1997 09:25:13 -0700
From: laura halliday <ve7ldh@direct.ca>
To: af389@lafn.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [22318] Re: Comb Generator versus Marker Generator
Message-ID: <33BA80E9.69DC0321@direct.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

David Shalita wrote:

> My question is what is the easiest or best way to produce
> a series of known frequency markers from 10 mhz to above
> 900 mhz? I want to generate 25mhz markers and harmonics
> or 50 mhz and harmonics or 100 mhz and harmonics to bracket
> a signal.
>
> Is a Comb Generator ckt useful for producing known frequency

> markers? If Comb is useful for markers, where can I obtain
> design info or who sells it as a kit? I'd rather build my own.

A comb generator *is* a marker generator. The intended purpose is just a little different.

Drive a diode (or anything non-linear, for that matter) hard and it will generate harmonics. This is the approach used in the KK7B microwave LOs. An important detail is that the drive to a diode multiplier must be a fairly good sine wave. If it's a square wave, you get DC output...

You can find information in all the usual references.

> At the moment, I am just using a 48 mhz TTL oscillator,
> in a DIP 4 pin package, and looking at the blips from 48
> mhz fundamental and it's harmonics. There seem to not be
> many higher order harmonics even though output is fast
> switching TTL. Highest I see is just under 150 mhz and
> amplitude is very small. Adding a 12 inch long clip lead
> is the only way I can seem to make the 48 mhz output
> radiate harmonics.

Try using a CMOS clock oscillator instead. I can easily detect harmonics from a 50 MHz oscillator beyond 1 GHz. I tried driving an ERA-1 MMIC to saturation with the same clock oscillator and could easily detect harmonics at 10 GHz.

--

Laura Halliday "C'est une femme mutine, assez elegante,
ve7ldh@direct.ca grave et legere, ayant le sens
Grid: CN89mg du confort et du plaisir en tout."
 - C. Deneuve

Date: Wed, 02 Jul 1997 10:57:38 -0600
From: AE0Q V31RY <v31ry@ix.netcom.com>
To: qrp-1@Lehigh.EDU
Subject: [22319] Re: Not responding to QRP stations
Message-ID: <2.2.16.19970702165738.1aff3c2a@popd.ix.netcom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 18:50 01-07-97 -0400, Bob N4BP wrote:

snip

> Additionally, it takes more time to complete the QSO

>because the call is longer. I find it annoying during a fast run to
>have a six letter call appended with /QRP. Especially when he sends it
>more than once... Very annoying.
>

I agree with Bob and George on that. I've found that two things usually determine who I answer if more than one station responds to my CQ: sending speed and signal-strength, in THAT order.

If a weak station is replying at my speed, he 'pops' into my head and I put him in the log right away. It's easy to ignore a stronger station if he's sending 10 wpm slower than I am, I just copy through him. I found a number of times last weekend when some stations would finish their first call at the same time that I finished sending the call and exchange back to someone who had replied at my speed!

I guess it's a 'wet-ware' filter.. If you match the speed of a CQing station your chances of being answered are much better even if you're not the strongest on the band..

73/ZUT -- Glenn

"Remember, any tool can be the right tool!" Red Green

AE0Q / V31RY ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK
v31ry@ix.netcom.com --SOWP 5558-M, QCWA LM, ARRL LM, NCVA--
<http://www.qsl.net/ae0q>

Date: Wed, 02 Jul 1997 00:33:32 EDT
From: wa5whn@juno.com
To: qrp-l@Lehigh.EDU
Cc: n7tx@primenet.com, w5bi@flash.net, na5n@rt66.com, BillWA6ITF@aol.com, johnmb@mindspring.com, dandj@nmia.com, djf@swcp.com
Subject: [22320] Special Event Stn/QRP & QRO/
Message-ID: <19970701.223322.10295.0.wa5whn@juno.com>

QRP-Lers,

In the last few days, I have received numerous email messages concerning the Special Events Station, that will be on the air, within the next few days. The only modification to the schedule is July 3rd will be dropped (Work Schedule conflict), but on July 4 & 5, several stations will be on the air. The celebrations taking place in Roswell, NM are separate from what we are doing. We are not passing judgement on what had crashed, and

left debris between Roswell & Corona, NM. We are out having fun with radios. Consult the following 2 URLs for information about the events currently taking place in Roswell.

<http://www.lookingglass.net/commercial/ufo/ufo.html>

<http://www.rt66.com/~roswell/encount.htm>

Amateur Radio Special Event Station data can be obtained by clicking on the "bottom" icon, at the following URL;

<http://www.flash.net/~w5bi/>

NA5N, W5BI, WB5LYJ & WA5WHN will operate (Phone-QRO) in the US FCC General licensee portion of the phone band (up 20 KHz, from the band edge, plus or minus QRM). We will also be operating QRP-CW, on 10, 15 & 40 meters in the Novice portion of the band. If 6 meters is open, we will be there too. We will also have a 20 meter SST xcvr on the air too. So, do occasionally check around 14.058 MHz, for one of the above 4 callsigns. In the US Novice/Tech portion of the bands, we will keep the cw speed below 13 wpm. Most Special Event Stations tend to overlook the US Novice/Tech licensees. We will not. Heck, we would even talk to Texans. ;-)

This operation will take place from maidenhead grid square: DM73ew. This allows us to overlook Mac Brazel's old place, on the old Foster Ranch. We are camping out, overlooking Mac's old place, ~ 40 miles SE of Corona, NM (DM73iw). We may not adhere to the specific times, if more People want to contact us, we will be happy to stay & make the contact. We may not stop @ exactly 2400 UTC, or start exactly @ 1700 UTC daily for those 2 days. We are not out to win any contest either. So, if You are interested in what had happened NW of Roswell, NM, 50 years ago, You have two URLs to start from, but if You want to play with the radio, and talk to a few People cooking out in the desert (Lots of sunscreen), give us a call. I wonder how the SST will respond to 100+ deg. F temperatures ? Just keep smiling, when You are inside, with air conditioning, while us "Fools" are out in the desert, playing with the Radios, and the scorpions (Where's my black light ?), horned toads, rattlesnakes, and strange lights in the sky. Water, water, water,...

72...Jay, WA5WHN DM65qd

Date: Wed, 2 Jul 1997 11:29:12 -0600 (MDT)

From: bcutter@teal.csn.net (Bob Cutter)
To: qrp-l@lehigh.edu
Subject: [22321] SST 2 diodes mod.
Message-ID: <199707021729.LAA08791@ns-1.csn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I just finished my SST(20M) with the two diodes and a SPDT switch. I really like the bandsread this gives and would encourage anyone to give it a try. As the bands improve it is going to get crowded around those calling frequencies and we need to spread out a bit.

72, Bob KI0G

Date: Wed, 2 Jul 1997 13:30:05 -0500 (EST)
From: "James C. Owen, III" <owen@piper.eeel.nist.gov>
To: qrp-l@Lehigh.EDU
Subject: [22322] Re: Not responding to QRP stations
Message-ID: <48608.owen@piper.eeel.nist.gov>

In message Wed, 02 Jul 1997 10:57:38 -0600,
AE0Q V31RY <v31ry@ix.netcom.com> writes:

> At 18:50 01-07-97 -0400, Bob N4BP wrote:

> snip

>

>> Additionally, it takes more time to complete the QSO

>> because the call is longer. I find it annoying during a fast run to

>> have a six letter call appended with /QRP. Especially when he sends

>> it more than once... Very annoying.

>>

>>

AND another gripe. Those on SSB that are using a voice synthesizer and have a different person on the mike than is on the synthesizer. After he returns to you with the report you think that another station jumped on the frequency. This REALLY slows things down on SSB. 72/73 Jim K4CGY

Date: Wed, 2 Jul 1997 13:47:27 -0400
From: "Mike Czuhajewski" <mzczuhajewski@evi-inc.com>
To: "QRP forum" <qrp-l@lehigh.edu>
Cc: "Mike Czuhajewski" <wa8mcq@abs.net>

Subject: [22323] Comb generator hint
Message-ID: <199707021645.MAA05750@xanadu.evi-inc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

W6MIK asked about a comb generator for generating harmonics. I don't know if this particular one will do him any good, as it may not go anywhere nearly high enough for him, but there was a simple circuit by Gary Breed in the trade journal that he joined after he left RF Design--I think the name is Applied Microwave & Wireless or some such. It uses a crystal oscillator followed by the comb generator itself, which is extremely simple. It's a fast gate chip, in the 74AC family I think, garden variety device but very fast. The idea is that when the signal comes in the output goes high, but the output is also tied to one of the inputs and immediately shuts it back down; the delay is the same as the propagation delay of the chip and is very short, resulting in a very short output pulse, rich in harmonics. I was planning on building it myself one of these days but haven't done it yet. I was also going to include it in my Idea Exchange column in the QRP Quarterly one of these days. The concept is hardly new and original, and has appeared in print now and then over the years. The same idea could be used with one of those computer oscillator cans tied into the gate. (I don't have any idea how high in frequency the usable output would go since I haven't done this yet.)

Anyone interested in a copy of the article can send me an SASE at 7945 Citadel Drive, Severn, MD 21144.

73 and Queue Our Pea de WA8MCQ wa8mcq@abs.net

[The abs.net account gets checked daily. The account this was sent from gets checked sporadically and rarely. Use it at your risk :-)]

Date: Wed, 2 Jul 1997 18:24:04 +0100
From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
To: qrp-l <qrp-l@lehigh.edu>, gqrp-l@blacksheep.org
Subject: [22324] SPRAT Number One
Message-ID: <AZPjVDA06ouzEwFR@gqrpclub.demon.co.uk>
MIME-Version: 1.0

Coming to a web site near you, a copy of SPRAT Number 1, when my XYL has finished typing it and I've sorted out the drawings, QRX...

73 Frank, G3YCC.

G QRP Club 042

QRP Web site: <http://www.gqrpclub.demon.co.uk>

Date: Wed, 2 Jul 1997 11:13:26 -0700 (PDT)
From: "David D. Meacham" <ddm@datatamers.com>
To: n4js@amsat.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [22325] Re: SSTs
Message-ID: <Pine.LNX.3.91.970702111001.8583C-100000@dt1.datatamers.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

John,

On my 20-meter SST I run the audio pot at 50% rotation for most signals. There is plenty left for the weak ones, and I consider it to have a "hot" receiver. Maybe the problem is your headphones. Have you tried a different pair? 72, Dave, W6EMD

Date: Wed, 2 Jul 1997 14:51:28 -0400 (EDT)
From: Bob Patten <n4bp@shadow.net>
To: AE0Q V31RY <v31ry@ix.netcom.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [22326] Re: Not responding to QRP stations
Message-ID: <Pine.SOL.3.91.970702144730.8942A-100000@hyper>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 2 Jul 1997, AE0Q V31RY wrote:

> If a weak station is replying at my speed, he 'pops' into my head and I
> put him in the log right away. It's easy to ignore a stronger station if
> he's sending 10 wpm slower than I am, I just copy through him. I found a
> number of times last weekend when some stations would finish their first
> call at the same time that I finished sending the call and exchange back to
> someone who had replied at my speed!

>

> I guess it's a 'wet-ware' filter.. If you match the speed of a CQing
> station your chances of being answered are much better even if you're not
> the strongest on the band..

I agree with all but the last point. Try matching speeds with some of the hot shot "rare" ones who have their software cranked up to 50 WPM and

they will ignore you - because they can't copy the speed their software is sending... But that's an exception - I really do agree with Glen on that point also...

Bob Patten, N4BP
n4bp@shadow.net

Plantation, FL
<http://www.shadow.net/~n4bp/n4bp.htm>

Brass Pounder BBS (954) 472-7715

Date: Wed, 2 Jul 1997 13:54:55 -0500
From: wmcshan@REX.RE.ouhsc.edu (Mike McShan)
To: qrp-1@Lehigh.EDU
Subject: [22327] Re: SSTs
Message-ID: <v01540b01afe051f6509a@[157.142.56.167]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>John,
(snip)
>reciever. Maybe the problem is your headphones. Have you tried a different
>pair? 72, Dave, W6EMD

I have to agree with Dave. Changing headphones can make a big difference. On my NC38s, the audio is mediocre with a pair of Sony stereo phones. However, switching to a similar pair from Radio Shack (Nova 43) results in a dramatic increase in volume (often to the point of uncomfortable).

Mike N5JKY
Edmond, OK

Date: 2 Jul 97 15:15:00 -0400
From: jfitton@lucent.com
To: qrp-1@Lehigh.EDU
Subject: [22328] 2X SST 40M QSO
Message-ID: <199707021922.PAA25069@emsr1.emsr.lucent.com>
Content-Type: text

>From Walt, WA4KAC

KM1Z and WA4KAC QSO'd evening of 2 July (Z)
at about 7042-43 with both using SST40's.

KAC was 339 in MA and 1Z was 469/QRN in MD.

Approx. 2W Po on both rigs.

Is this the FIRST 40 meter SST-SST QSO?

73 Walt

Date: Wed, 2 Jul 1997 12:41:00 -0500
From: Dan Tayloe-P26412 <Dan_Tayloe-P26412@email.mot.com>
To: azqrp@dancris.com, qrp-1@lehigh.edu
Subject: [22329] FD Report from AZ, N7VE
Message-ID: <M436439.002.pit72.1.970702194407Z.CC-MAIL*/OU=SATCG/OU=AZBH/PRMD=MOT/
ADMD=MOT/C=US/@MHS>

Wow! FD was a real blast!

First things first, equipment:

40, 20 & 15 meter mono-band homebrew cw transceivers

Power: 40m: 0.75w 20m: 0.75w 15m: 0.35w

Antenna: 500 ft horizontal loop up about 60 ft

Class: 1A battery (I probably should have been class 1B)

Location: Near Strawberry, AZ, at about 6000 ft on the rim.

I had only Saturday available to work the contest. Since the contest

starts at 11:00 local time, I got in about 7 hours of operation before packing things in and calling it a day. I decided to try out milliwatt levels this year just to see what it was like.

Since I was running such low power, I decide to stick to "hunt and pounce" tactics. I started out on 20m. At the start, things were **very** tough. With all the activity, I had a difficult time being heard.

After a bit, I went up to 15m for about 45 minutes, where things were a bit more spread out, and did well there until I worked the band out. I then dropped down to 40m and worked a number of CA stations and more or less emptied that band of workable stations.

By the time I got back to 20m, things had calmed down a bit, and I was able to make headway on that band. I stayed primarily with 20m, with occasional trips to 15m to pick up a few more contacts there.

As the afternoon progressed, I discovered that people became more "hungry". I found that my success rate (stations contacted vs. stations attempted) rose to almost 33%, and that using only 750 mw! Surprisingly, in most of the unsuccessful contacts, I was at least heard (QRZ? AGN?). I found most people **tried** to copy my tiny signal.

I would have **loved** to stick around and work Sunday. Hungry ops have good ears! QRP or QRPp folks can use this to **great** advantage. At that late stage in the contest, one might even try calling CQ, since many ops may be sifting the band for fresh contacts.

I quit a bit after 6:00 p.m. local time. 20m was starting to thin, and 40m was getting lively, but I was picking up an intense amount of QRN from some distant thunderstorm. When the stronger signals get tough to work, who could copy my 3/4 w?

After packing up, I dropped by to see Floyd, NQ7X (one of several of the Az ScQRPion crew in the area). While listening his rig using a vertical, I discovered 40m was almost QRN free! It was obvious that the 500 ft loop was "hearing" a lot differently than the vertical. I guess I should stayed on longer. Not everyone had bad QRN!

Next time out, I think I will try setting up both. Sift the band once with the loop, then switch to the vertical.

At the end of 7 hours, I had 84 contacts in 31 states, extending from Hawaii (AH6RS) to the west to New Hampshire (N1NS) to the east. Coast to coast and then some on 750 mw!

I learned a lot about QRPP contesting amongst the alligators. Being a novice at this, it seems I could do much better, even given 750mw power levels. Next year I will be more prepared.

I would like to hear how other milliwatters did. I don't believe I have seen any FD reports from single op milliwatt QRPers.

- Dan Tayloe, N7VE, Phoenix, AZ, Az ScQRPions, QRPL # 696

Date: Wed, 02 Jul 1997 14:13:41 -0600
From: AE0Q V31RY <v31ry@ix.netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [22330] Re: Not responding to QRP stations
Message-ID: <2.2.16.19970702201341.0817030e@popd.ix.netcom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>AND another gripe. Those on SSB that are using a voice synthesizer and have
>a different person on the mike than is on the synthesizer. After he returns
>to you with the report you think that another station jumped on the
>frequency. This REALLY slows things down on SSB. 72/73 Jim K4CGY
>

Oh man, I can add to that one! On SSB the people that say only their last two letters should be shot. What a waste of time, you can't dupe them or log them, you just have to make another transmission for nothing. Seems to be the prevalent opinion in contesting, to quote K1EA in the 'CT' manual; "Some misguided souls who have been overexposed to list operations answer your CQ with only the last two letters of their calls".

At one of the bigger multi-multi contest stations in Colorado you are kicked out and banned if you EVER say just his last two letters!

73/ZUT -- Glenn

"Remember, any tool can be the right tool!" Red Green

AE0Q / V31RY ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK
v31ry@ix.netcom.com --SOWP 5558-M, QCWA LM, ARRL LM, NCVA--
<http://www.qsl.net/ae0q>

Date: Wed, 2 Jul 1997 21:22:35 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-1@lehigh.edu
Subject: [22331] MI QRP July 4th CW Sprint
Message-ID: <199707022022.VAA22756@chuck.dallas.sgi.com>

OK, all you fellow class B entries. For those of you who failed to read Buck Switzer's posting. Class B is 1W and down to 250mW power output at the antenna connection from the output of the rig.

I'll take all challengers at the same power level. I figure that as late as the contest starts I'll do 40M only. The way 20M has been lately that would be a killer on the old score.

So if you aren't out watching some fireworks display and have survived the outdoor cooking and ultraviolet let's rumble dudes and dudettes. Take a nap and don't oversleep.

So the continuous tone on 40M just before the contest is someone else, not me, having the final power output verified. :-)
I promise to lock the speed at 20wpm or slow down to 15wpm when needed. Tell you what. I'll get out the old benchner and the Curtis keyer, no memory. Phyllis will monitor and take pics.

I was looking at the old chrome Benchner last night. Someone could get rich by just coming up with a simple attachment that went on the back of the yoke and allowed a tension adjustment on each paddle. Make it non-invasive so that the paddle itself requires only the temporary removal of the spring while in its modified state. Think how many paddles are out there guys and girls.

Brief summary: MI QRP Club 1997 July 4th CW Sprint
2300UTC 4 July to 0300UTC 5 July 1997
CW Only 160 thru 6 Meters (no WARC bands)
A Class <=250mW
B Class 250mW to 1W
C Class 1W to 5W
D Class QRO above 5W

Exchange RST, QTH (S/P/C), MI-QRP# or power

And see Buck's posting for the rest of the story.

I know we just did FD (well most of you did) but lets sit down for a few hours and show the MI-QRP group that the rest of the country knows how to party.

- A. Ron: I sure could use another jar of Raspberry Jam. :-)
- B. Did W03B get his rig(s) to the left coast? Any antennas? ;-)
- C. Shouldn't be too much QRN with the heat wave in progress.
- D. Buck, what is the most number of entries into this one contest? Surely we got that many people on qrp-l that could get on for a few contacts anyway. How big is your mailbox?

After the test everyone move their 38S's and SST's onto 30M. I got a QRZ? last night from an OK1. So close. F3NB has been on every night around 10.116MHz after 0230UTC. The band is hot late at night when most people have gone called it a day.

It's back to your regularly scheduled programming.

dit dit :-)

Chuck Adams K5FO CP-60 adams@sgi.com

<http://reality.sgi.com/adams/>

WIMPS: Qs=043 30m=32 17m=5 12m=0 States=23/05/00 DX=03/00/00 QSLs=015

Date: Wed, 2 Jul 1997 21:40:35 +0100

From: adams@chuck.dallas.sgi.com (Chuck Adams)

To: qrp-l@lehigh.edu

Cc: adams@sgi.com, msdooley@aud.alcatel.com, dougfree@onramp.net, rhaynes@csc.com, larry.jones@archives.com, bkmak@airmail.net, cmassey@onramp.net,

hbs@crl.com, jspencer@startex.net, michael.hopkins@drig.com,

Richard.Kapalczynski@MCI.Com, chefrank@ix.netcom.com, jackg@conline.com,

ljones@why.net,

Subject: [22332] NORTEX Meeting

Message-ID: <199707022040.VAA22825@chuck.dallas.sgi.com>

The NORTEX QRP Club will meet on Saturday July 5th 1997 at 10am. 6200 LBJ Freeway. South east access road from the corner of Preston Rd and LBJ. Go east about a 100 yards and the first turn past the Best Western Motel into the back parking lot of 6200 LBJ. Second floor of the building. You can't miss us.

We'll have the air conditioning on. Bring a show-and-tell.

VE's will be there for any code tests to be given.

FYI

Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/>
WIMPS: Qs=043 30m=32 17m=5 12m=0 States=23/05/00 DX=03/00/00 QSLs=015

Date: Wed, 2 Jul 1997 21:46:22 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: adams@chuck.dallas.sgi.com
Cc: qrp-1@Lehigh.EDU
Subject: [22333] Re: MI QRP July 4th CW Sprint
Message-ID: <199707022046.VAA22876@chuck.dallas.sgi.com>

Hmmm. English major? Didn't think so.

The band is hot late at night when most people have called it a day.

or

The band is hot late at night when most people have gone to bed.

Chose one of the above for the typo in the previous post.

ciao,

Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/>
WIMPS: Qs=043 30m=32 17m=5 12m=0 States=23/05/00 DX=03/00/00 QSLs=015

Date: Wed, 2 Jul 1997 12:52:35 -0400
From: wb8ygg@juno.com (Bradley S. Mitchell)
To: QRP-L@Lehigh.EDU
Subject: [22334] Field Day 97 Mystery.
Message-ID: <19970702.125236.4630.0.WB8YGG@juno.com>

OK, so who was it that said
"Hi Brad" to me from 8 land when I was operating
N2JGU , and not my call wb8ygg?

I figure it has to be someone from this list..

I let it slide by as I was operating, but it's finally starting to bug me.

73 Brad WB8YGG
<http://www.vivanet.com/~embres>

Date: Wed, 2 Jul 1997 13:55:44 -0700 (PDT)
From: Monte Stark <ku7y@sage.dri.edu>
To: Chuck Adams <adams@chuck.dallas.sgi.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [22335] Re: MI QRP July 4th CW Sprint
Message-ID: <Pine.SUN.3.90.970702134307.7146B-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 2 Jul 1997, Chuck Adams wrote:

> Brief summary: MI QRP Club 1997 July 4th CW Sprint
> 2300UTC 4 July to 0300UTC 5 July 1997
> CW Only 160 thru 6 Meters (no WARC bands)
> A Class <=250mW
> B Class 250mW to 1W
> C Class 1W to 5W
> D Class QRO above 5W
>
> Exchange RST, QTH (S/P/C), MI-QRP# or power
>

How long??

> A. Ron: I sure could use another jar of Raspberry Jam. :-)

OK Buba, your on! Only you need to go and get a big jar of Cactus Apple Jelly to send me.....

> C. Shouldn't be too much QRN with the heat wave in progress.

Tends to be when I have my noise...

> D. Buck, what is the most number of entries into this one contest?
> Surely we got that many people on qrp-l that could get on for

> a few contacts anyway. How big is your mailbox?

Everyone please note:

This is the way Chuck is trying to keep me from getting that tower and antenna done! He knows what's gonna happen then..... :-)

I will be there with my little vertical, in my noisy little valley, trying to outdo Chuck.....down there in Dallas, home of the big big antennas.....

His wife will be bringing him mint julips, fanning him to keep him cool, even taking pictures of him!

I, on the other hand, will be sweating, alone in my shack, my mind on towers and antennas while the kids and grandkids from Idaho ask Carol why I can't be nice and visit them....then the door will open and I'll have to try to explain to Carol, again, why I must do this.....She, not believing in Badgers, will not believe a word I say!!

At least .999w will not make too much heat!

Judges do uphold contests as necessary don't they?

> dit dit :-)

Sure, easy for you to say....

OK gang, who's gonna beat Chuck for second place?? :-)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 2 Jul 1997 18:38:44 +0100
From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
To: ptaber@microtest.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [22336] Re: Not responding to QRP stations
Message-ID: <yYr\$VCAkIpuzEwSc@gqrpclub.demon.co.uk>
MIME-Version: 1.0

In message <9707028678.AA867843739@mtsmtpgate.microtest.com>,
ptaber@microtest.com writes

>

>Sometimes it helps to put /QRP after a call -
NOT in UK! Unless you wish to loose your licence. /M /P etc, but NOT
/QRP use <call> <space> QRP, like cq de g3ycc qrp.
For info only! No arguments, 'tis the law of the land, probably made in
1700's...

73 Frank, G3YCC.

G QRP Club 042

QRP Web site: <http://www.gqrpclub.demon.co.uk>

Date: Wed, 2 Jul 1997 17:55:38 -0400
From: N4JS <n4js@amsat.org>
To: qrp-l@Lehigh.EDU
Subject: [22337] MI-QRP
Message-ID: <v03020901afe07e7d206e@[206.106.174.44]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, rather than trying it with one hand tied behind my back, how about I
do it with my trusty HW8
and bug?

John L. Sielke n4js@amsat.org n4js@pobox.com
n4js@n4js.ampr.org NJ Grid:FM29LN
<http://www.qsl.net/n4js> NJ-QRP #57
QRP-L #884 QRP-ARCI #9328 NE-QRP #507
G-QRP #9544 Norcal #1989 QCWA CQrp CQC ARS #243 FISTS #2781
Formerly: K3HLU, W7JEF, W4MPC, TF2WKT

Date: Wed, 2 Jul 1997 15:08:05 -0700 (PDT)
From: Jim W7LS <w7ls@brigadoon.com>
To: qrp-l@Lehigh.EDU
Subject: [22338] FT-707 HF (digital) xcvr 4 sale
Message-ID: <199707022208.PAA00935@siskiyou.brigadoon.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hi, all.

I have to sell a recent acquisition to pay for a new toy (may as well be honest about it, eh?). I have a Yaesu FT-707 HF transceiver for sale. It is a 100 watt rig, but as I understand, it can be cranked down to way-low power easily. Covers 80-10 meters, including WARC bands. It is smallish. Smaller than a Kenwood TS-120 and bigger than an Atlas 210.

Digital readout. SSB/CW/AM

Looks like it has been mobile before. Not ugly or overly scratched up. Average condition. Not new looking as in "right out of the box", but nice. I have a copy of the manual, too. Works fine. Usual bells and whistles.

I was going to put it in the camping trailer, but my plans got changed on me. \$400 seems fair. Catch me here or on the horn at 206-788-0779 days, eves, weekends (Duvall, WA)

73 de Jim, W7LS

Date: Wed, 2 Jul 1997 15:20:58 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@lehigh.edu
Subject: [22339] Re: Field Day 97 Mystery
Message-ID: <199707022220.PAA22695@usr05.primenet.com>

Brad (WB8YGG) wrote:

>OK, so who was it that said "Hi Brad" to me from 8 land when I was
>operating N2JGU , and not my call wb8ygg?

> ...

>I let it slide by as I was operating, but it's finally starting to
>bug me.

We're watching you Brad. Move your hands *slowly*
away from the keyboard and nobody gets hurt... :)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions

"Who will watch the Watchers?"

"Probably old lady Miller on the 2nd floor..."

Date: Wed, 2 Jul 1997 15:37:43 -0700 (PDT)
From: Kory Hamzeh <kory@avatar.com>
To: qrp-l@lehigh.edu
Subject: [22340] Stuff for sale (again)
Message-ID: <Pine.BSI.3.91.970702152618.11567A-100000@avatar.avatar.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Sorry about the second post here, but the buyer stopped returning my e-mail messages after committing to purchase everything. There was one person who offered to buy everything. If you see this, please contact me again, I lost your e-mail address.

I have the following items for sale.

- Unbuilt 38 Special Kit \$28
- Unbuild 38 Special Kit with all off board components for all of the mods \$45
- A built NorCal 49er in a case. The 49er DOES NOT WORK. I bought it this way not realizing that it did not work. I just don't have the time right now to mess with it. I paid \$30 for it and that is what I'm asking.
- 2 unbuilt Pixie II kits, one for 80m and one for 40m. \$10 each.

I wish I have time for play with all these puppies, but alas, work is interfering with my hobby.

Thanks,
Kory
AC6RN

End of QRP-L Digest 775

